Serial No. 08/067,140
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Group Art: 3302

25. (Amended) An endoscope comprising:

a tube having a proximal end and a distal end;

a first lens disposed in the distal end of said tube;

[a second lens disposed in the distal end of said tube proximate the first lens;]

a photodetector disposed proximate said second lens in the distal end of said tube; and

a first control rod disposed in said tube and coupled to a first one of said first lens and said photodetector, said first control rod for moving the first one of said first lens and said photodetector in a first direction along a longitudinal axis of said tube.

26. (Amended) The endoscope of Claim 25 further comprising a second control rod coupled to a second one of said first lens and said photodetector, said second control rod for moving the second one of said first lens and said photodetector in a first direction along a longitudinal axis of said tube.

27. (Amended) The endoscope of Claim 26 further comprising:

a photodetector frame slidably disposed in the distal end of said tube wherein [in which] said photodetector is disposed[,] in said photodetector frame [slidably disposed in said tube] and [coupled to] said second control rod is coupled to said photodetector frame;

a first control means, coupled to said first control rod, for moving said first control rod; and

a second control means, coupled to said second control rod, for moving said second control rod.

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28. [Amended) The endoscope of Claim 26 further comprising a handle coupled to the proximal end of said tube wherein said first and second means for moving said first and second control rods are disposed [about] on said handle.

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31. (Amended) The endoscope of Claim 30 wherein said handle is provided having a cavity region and said light source comprises an illumination assembly disposed in [a] the cavity region of said handle.

Please add the following new claims:

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34. An endoscope comprising:

a tube having a proximal end and a distal end;

a handle, having a cavity region, said handle coupled to the proximal end of said tube;

a bi-directional motor disposed in the cavity of said handle;

a first lens slidably disposed in the distal end of said tube;

a photodetector disposed proximate said first lens in the distal end of said tube;

a control rod having a first end and a second end, said control rod disposed in said tube with the first end of said control rod coupled to a first one of said first lens and said photodetector; and

a coupling apparatus coupled between the second end of said control rod and said bi-directional motor.

35. The endoscope of Claim 34 further comprising a second control rod coupled to a second one of said first lens and said photodetector for moving the second one of said first lens and said photodetector in a first direction along a longitudinal axis of said tube.

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36. The endoscope of Claim 35 further comprising:

a photodetector frame slidably disposed in the distal end of said tube wherein said photodetector is disposed in said photodetector frame and said second control rod is coupled to said photodetector frame;

a first control means, coupled to said first control rod, for moving said first control rod; and

a second control means, coupled to said second control rod, for moving said second control rod.

37. The endoscope of Claim 36 further comprising:

a second lens disposed between said first lens and said photodetector; and

a third lens disposed between an aperture of the distal end of said tube and said first lens.

38. The endoscope of Claim 37 further comprising:

a plurality of fiber optic rods disposed about said tube, each of said fiber optic rods having a first end and a second end, wherein the second end of said fiber optic rods are terminated at the distal end of said tube.

B3 39. The endoscope of Claim 38 further comprising:

a light source coupled to the first ends of each of said fiber optic rods.

40. The endoscope of Claim 39 wherein said light source comprises an illumination assembly disposed in a cavity region of said handle.

41. An endoscope comprising:

a tube having a proximal end and a distal end;

a viewing system, disposed in said tube, said viewing system comprising:

a first means for providing an image at one of a plurality of preselected magnification levels; and

a second different means for electrically transmitting a focused magnified image to the proximal end of said tube.

42. The endoscope of Claim 41 wherein said first means comprises:

a first lens;

a second lens; and

means for moving said first lens relative said second lens to provide a particular one of a plurality magnification levels.

43. The endoscope of Claim 42 wherein said second means comprises:

a photodetector slidably disposed in said tube; and

means for moving said photodetector relative said first and second lens such that said photodetector may be placed at a focal plane determined by the distance between a first surface of said first lens and a first surface of said second lens.

44. The endoscope of Claim 43 wherein said means for moving said first lens relative said second lens comprises:

a first control rod disposed in said tube, said control rod having a first end coupled to a first one of said first and second lenses; and

a first bi-directional motor coupled to a second end of said control rod.

45. The endoscope of Claim 44 wherein said means for moving said photodetector relative said first and second lens first lens comprises:

a second control rod disposed in said tube, said second control rod having a first end coupled to said photodetector; and

a second bi-directional motor coupled to a second end of said second control rod.

46. The endoscope of Claim 45 further comprising:

a plurality of fiber optic rods disposed about said tube, each of said fiber optic rods having a first end and a second end, wherein the second end of said fiber optic rods are terminated at the distal end of said tube.

47. The endoscope of Claim 46 further comprising:

a light source coupled to the first ends of each of said fiber optic rods.

48. The endoscope of Claim 47 wherein said light source comprises an illumination assembly disposed in the cavity of said handle.

49. The endoscope of Claim 48 further comprising:

a power source;